

**FIG. 1**

FIG. 1 is a cross-sectional view of a mechanical assembly 1. The assembly includes a central shaft 10 with a threaded end. A housing 2 contains internal components including a piston 5, a valve 12, and a spring 11. A plunger 4 is positioned within the housing. A seal 8 is located at the bottom of the housing. A base 30 is shown at the bottom, featuring a pump mechanism 31 with a motor 32 and a pump head 33. A control lever 40 is connected to the pump mechanism. A pressure gauge 45 is mounted on the side. A pressure relief valve 46 is also present. The entire assembly is mounted on a base 48.

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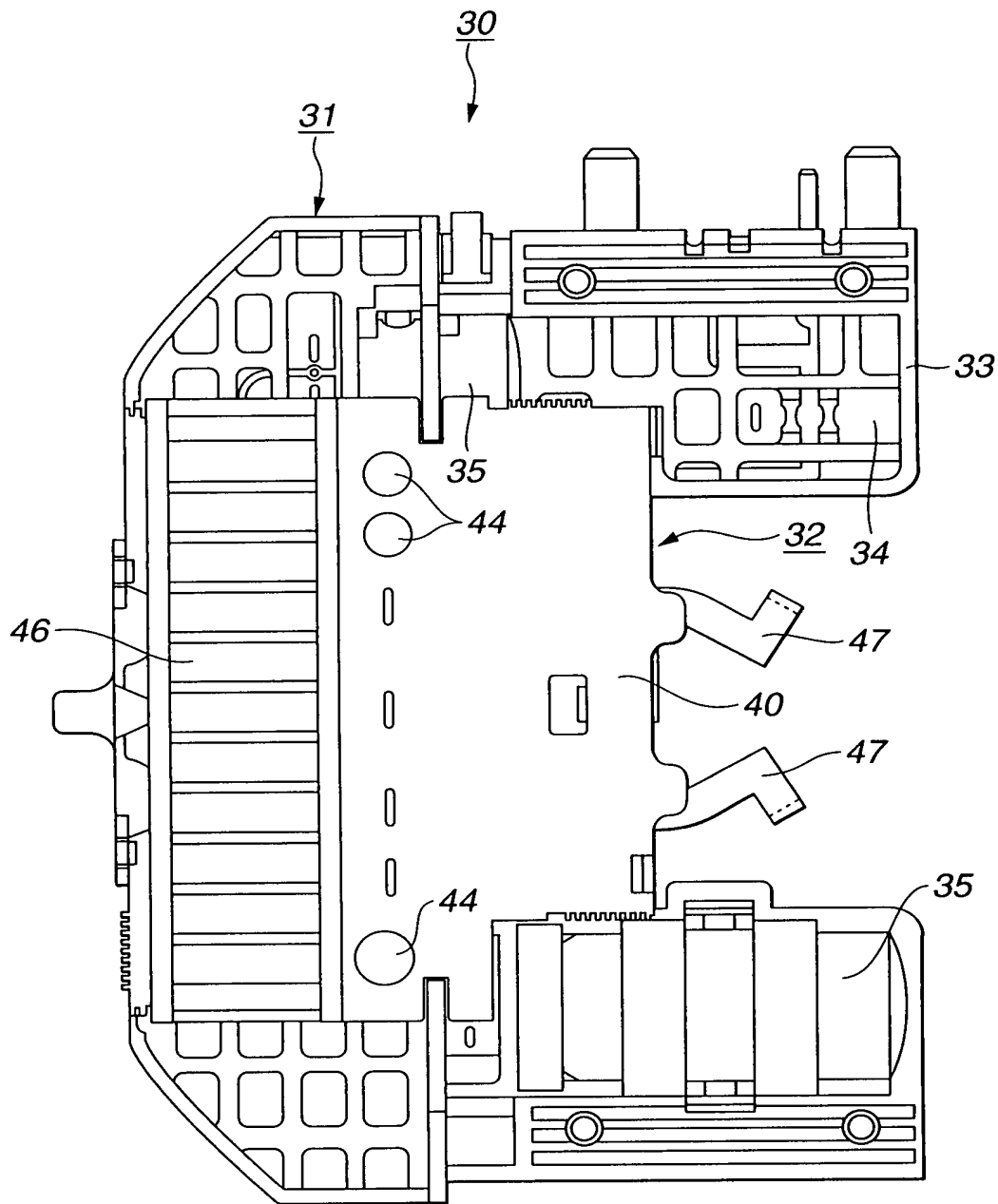
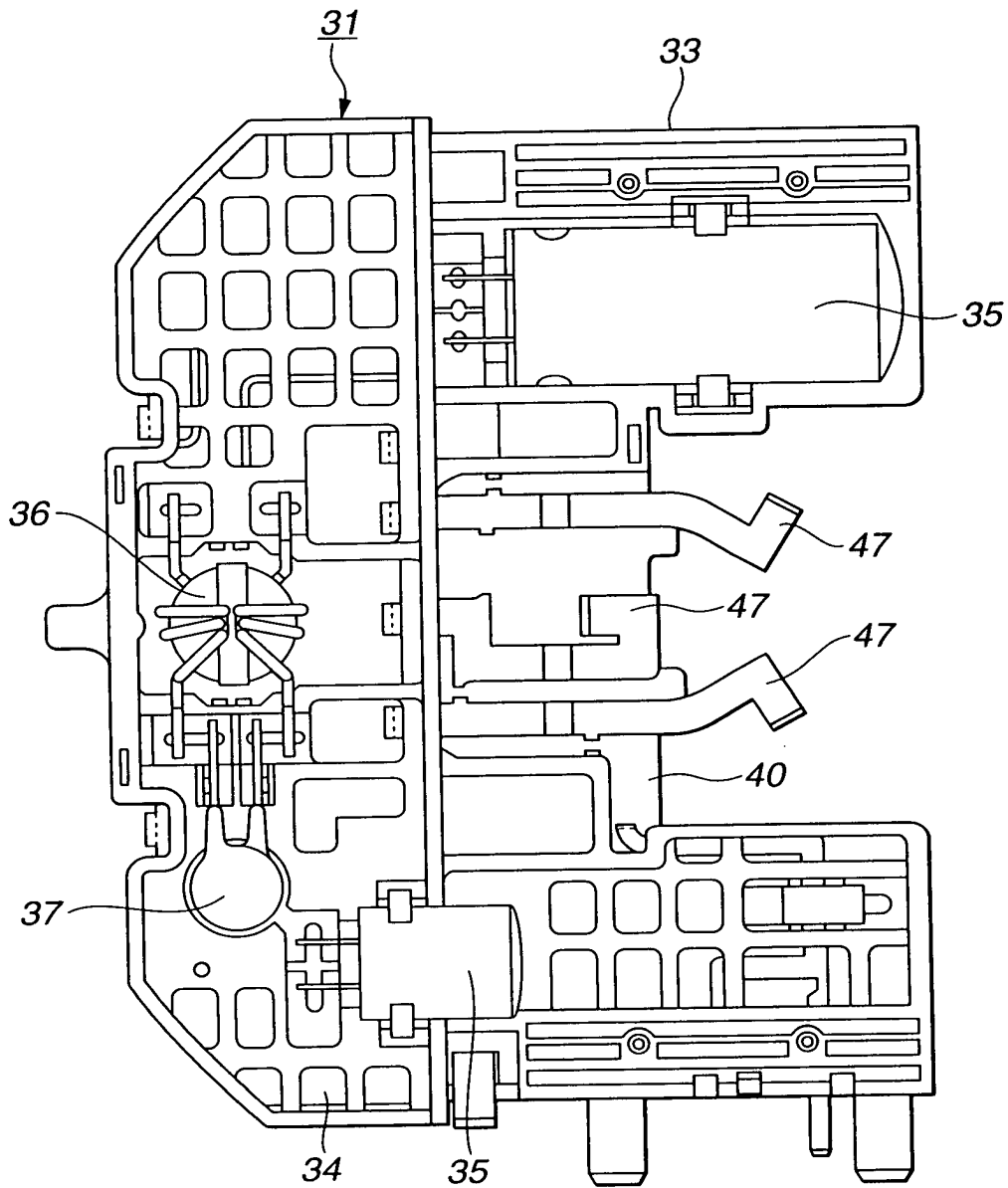
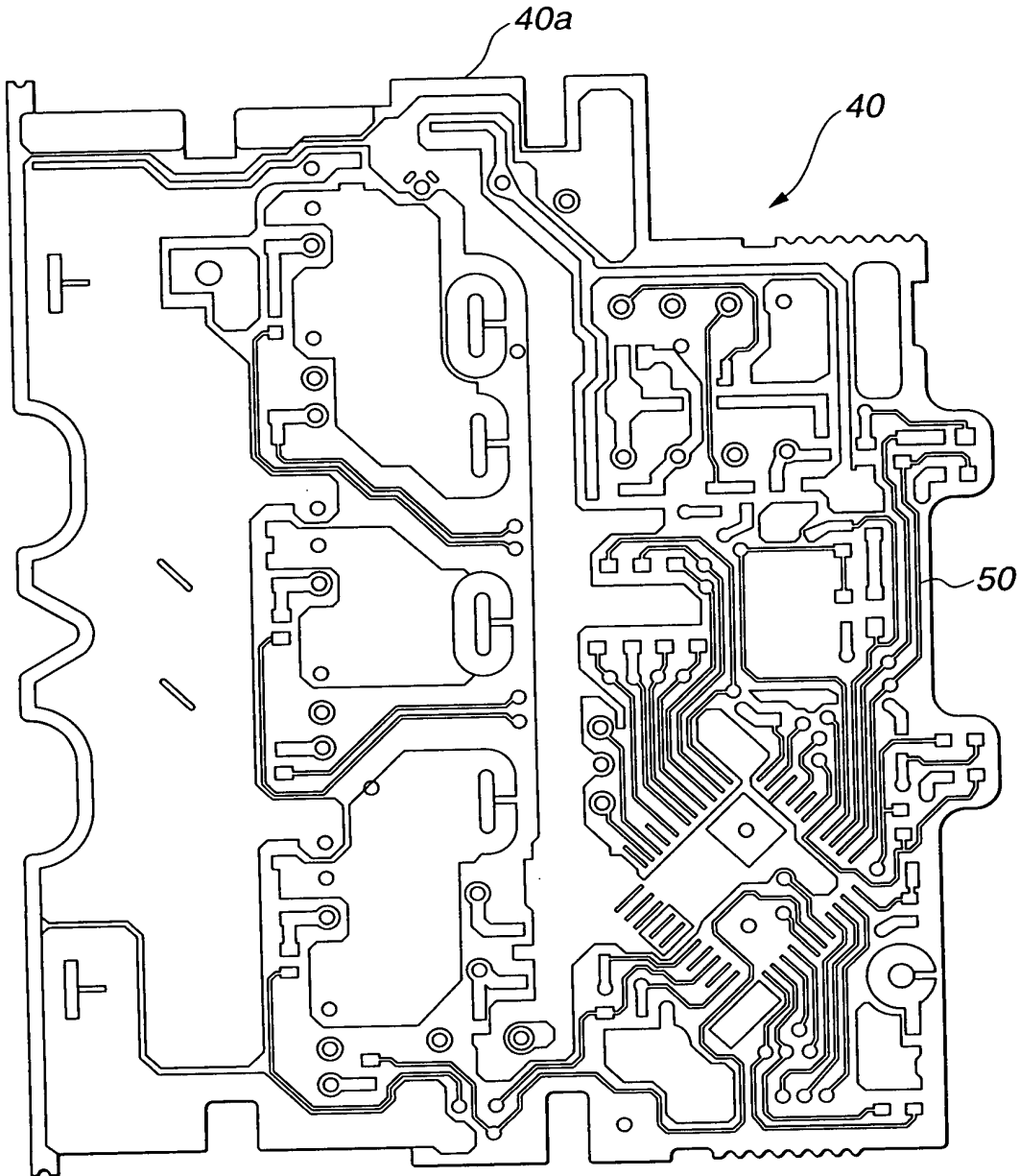


FIG.3



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FIG.4



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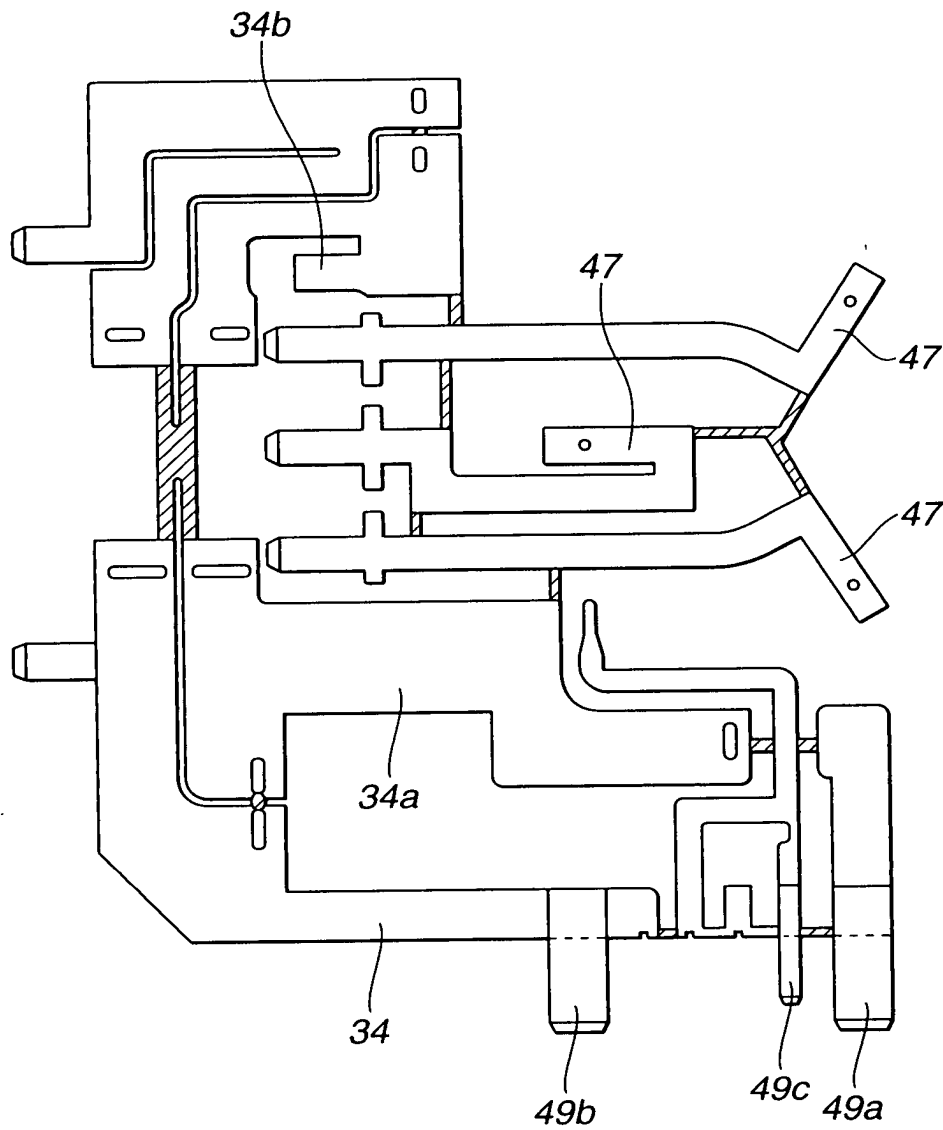
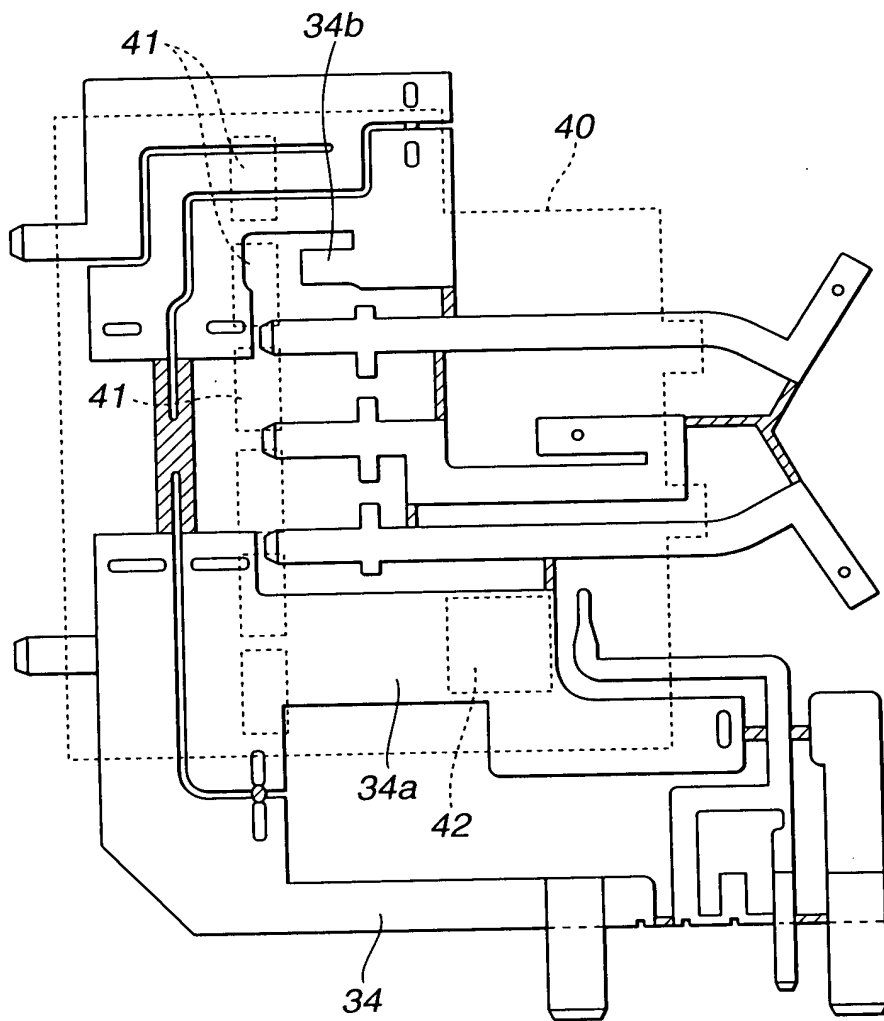


FIG.6



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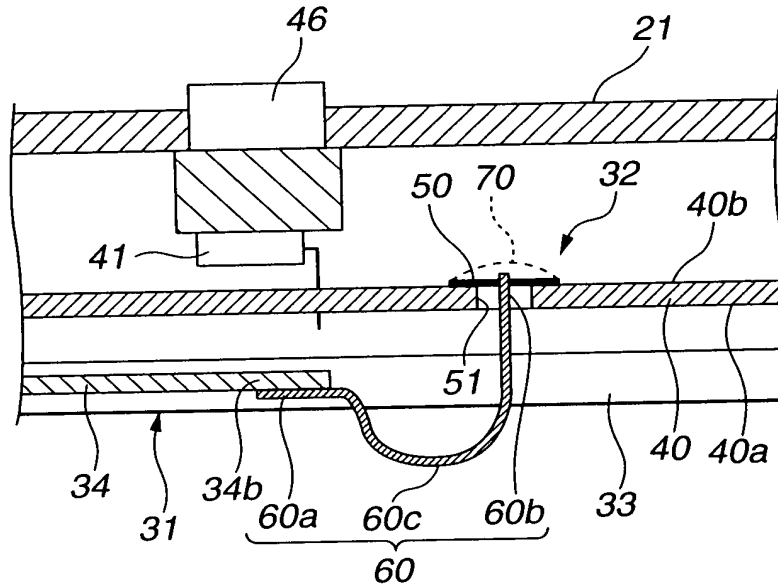
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**Appl. No.: Unassigned**

**FIG.8A**



**FIG. 8B**

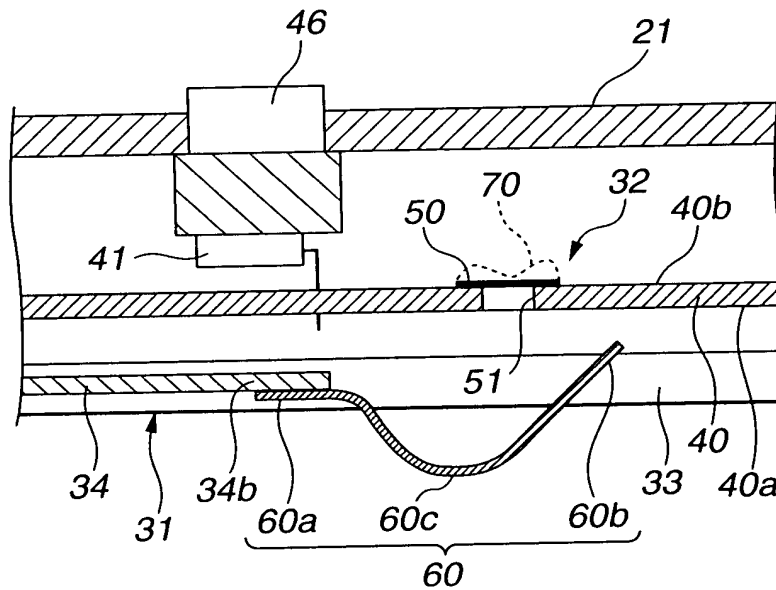




FIG.9A

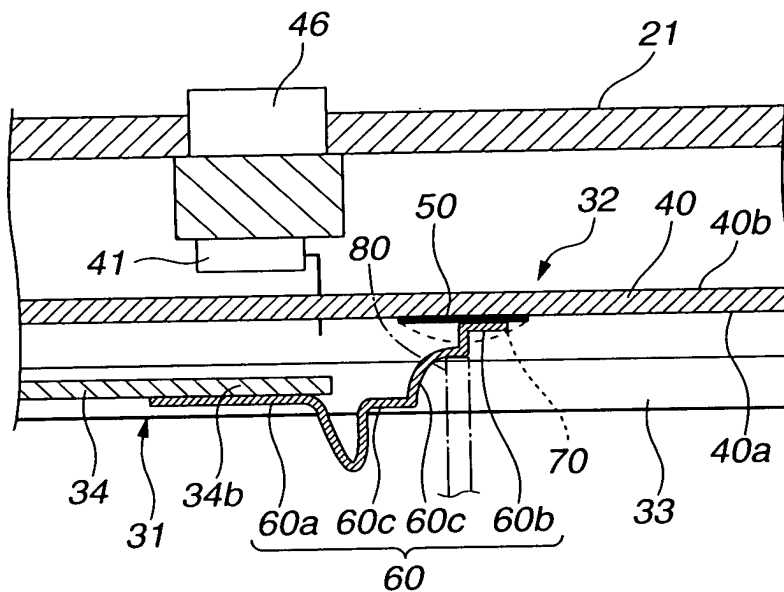
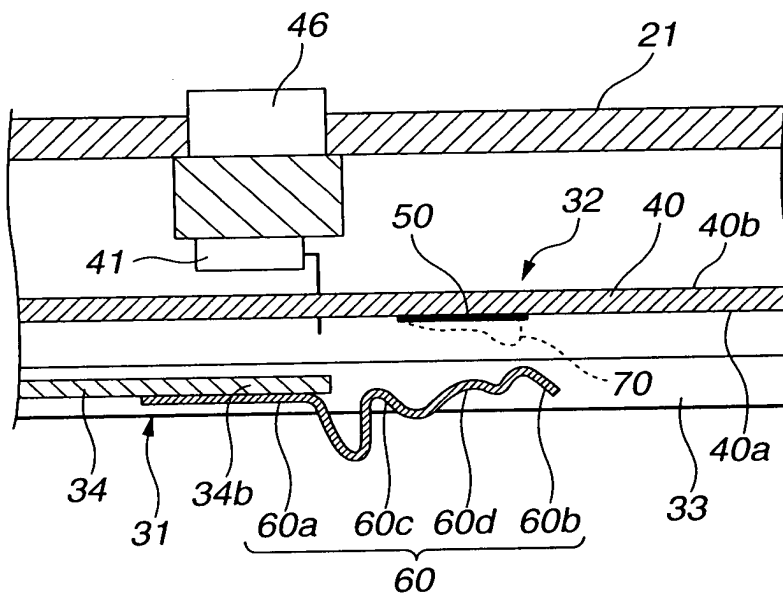


FIG.9B



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FIG.10

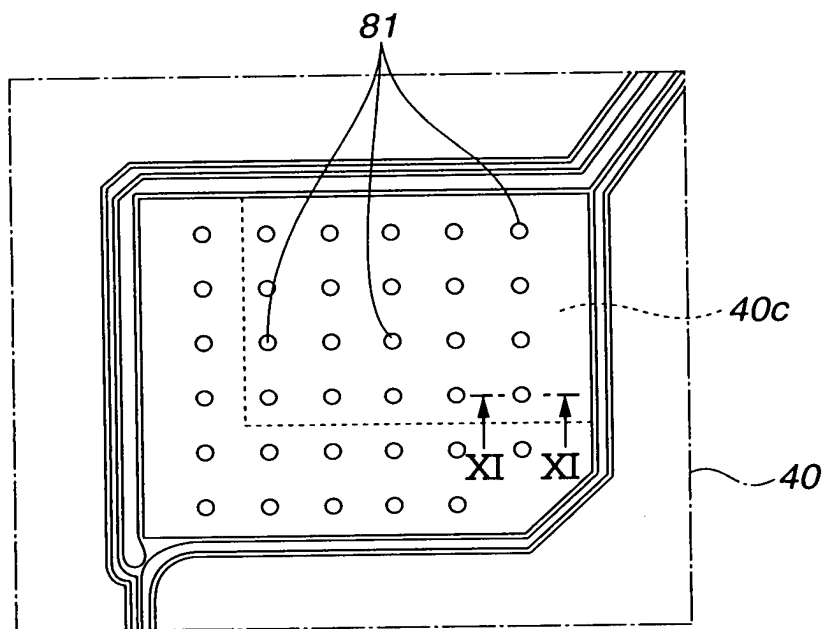
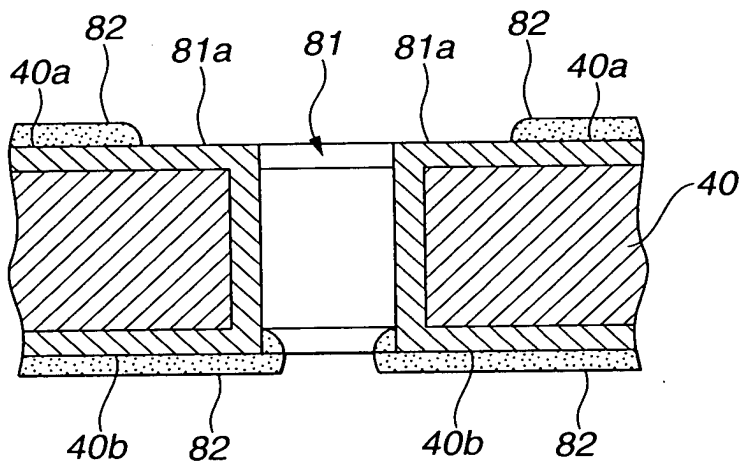


FIG.11



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